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OM protein - protein search, using sw model

Run on: September 4, 2002, 16:11:03 ; Search time 99.82 Seconds
(without alignments)
12.480 Million cell updates/sec

Title: US-09-052-089a-5
Perfect score: 286
Sequence: 1 RALCTICSDFFDHSRDVAAM.....IQSFETAPSPCTPCGRIGV 51

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 24425594 residues

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/1aa/5a_COMB.pep:*
2: /cgn2_6/ptodata/2/1aa/5b_COMB.pep:*
3: /cgn2_6/ptodata/2/1aa/6a_COMB.pep:*
4: /cgn2_6/ptodata/2/1aa/6b_COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/PCTUS_COMB.pep:*
6: /cgn2_6/ptodata/2/1aa/backfile1.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	286	100.0	51	4	US-09-052-089A-5
2	275	96.2	469	4	US-09-052-089A-1
3	268	93.7	469	2	US-08-968-751-2
4	260	90.9	51	4	US-09-052-089A-6
5	260	90.9	470	4	US-09-052-089A-2
6	93	32.5	551	3	US-08-699-103B-25
7	93	32.5	551	4	US-08-229-059-25
8	88.5	30.9	50	4	US-09-052-089A-15
9	88.5	30.9	381	2	US-08-867-057-1
10	88.5	30.9	381	2	US-08-867-057-3
11	88.5	30.9	381	2	US-09-128-369-1
12	88.5	30.9	381	2	US-08-691-814B-20
13	85.5	29.9	47	1	US-08-331-394-13
14	84	29.4	47	1	US-08-250-858-13
15	84	29.4	47	1	US-08-446-915-13
16	84	29.4	47	1	US-08-744-139-13
17	84	29.4	47	5	PCT-US95-06639-13
18	84	29.4	47	1	US-08-460-784-85
19	82	28.7	42	1	US-08-483-553-85
20	82	28.7	42	1	US-08-487-002-85
21	82	28.7	42	1	US-08-483-554B-85
22	82	28.7	42	1	US-08-488-011B-85
23	82	28.7	42	4	US-08-850-727-85
24	82	28.7	42	5	PCT-US95-10202-85
25	82	28.7	42	5	PCT-US95-10203-85
26	82	28.7	42	5	PCT-US95-10220-85
27	82	28.7	42	5	PCT-US95-10220-85

28	82	28.7	46	2	US-08-691-814B-17	Sequence 17, Appl
29	82	28.7	284	2	US-08-786-606-9	Sequence 8, Appl
30	82	28.7	326	2	US-08-786-606-8	Sequence 9, Appl
31	80	28.0	47	4	US-09-052-089A-12	Sequence 12, Appl
32	80	28.0	180	2	US-08-786-606-3	Sequence 3, Appl
33	80	28.0	180	2	US-08-933-750C-48	Sequence 48, Appl
34	80	28.0	180	4	US-09-234-613-48	Sequence 14, Appl
35	75.5	26.4	48	1	US-08-331-394-14	Sequence 14, Appl
36	75.5	26.4	48	1	US-08-250-858-14	Sequence 14, Appl
37	75.5	26.4	48	1	US-08-446-915-14	Sequence 14, Appl
38	75.5	26.4	48	2	US-08-744-139-14	Sequence 14, Appl
39	75.5	26.4	48	5	PCT-US95-06639-14	Sequence 14, Appl
40	74.5	26.0	40	4	US-09-046-894-44	Sequence 44, Appl
41	72	25.2	251	2	US-08-665-647-7	Sequence 7, Appl
42	72	25.2	276	2	US-08-786-606-5	Sequence 5, Appl
43	71	24.8	45	2	US-08-691-814B-16	Sequence 16, Appl
44	71	24.8	47	1	US-08-331-394-6	Sequence 6, Appl
45	71	24.8	47	1	US-08-250-858-6	Sequence 6, Appl

ALIGNMENTS

RESULT 1
US-09-052-089A-5
; Sequence 5, Application US/09052089A
; Patent No. 6346605
GENERAL INFORMATION:
; APPLICANT: Lee, Soo Y.
; TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
; FAMILY, AND USDS THEREOF
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: David A. Jackson, Esq.
; STREET: 411 Hackensack Ave, Continental Plaza, 4th
; Floor
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/052,089A
; FILING DATE: 31-Mar-1998
; CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201-487-5800
; TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 51 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; FRAGMENT TYPE: Internal
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-052-089A-5
Query Match 100.0%; Score 286; DB 4; Length 51;

Best Local Similarity 100.0%; Pred. No. 1.6e-31;
Matches 51; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RALCTICSDPFDHSDVAAMDCGHTFHLCLOISFETAPSRTPCPCRIQVG 51
Db 1 RALCTICSDPFDHSDVAAMDCGHTFHLCLOISFETAPSRTPCPCRIQVG 51

RESULT 2

US-09-052-089A-1

Sequence 1, Application US/09052089A

Patent No. 6346605

GENERAL INFORMATION:

APPLICANT: Lee, Soo Y.

Choi, Yongwon

TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER

FAMILY, AND USES THEREOF

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESSES:

ADDRESSEE: David A. Jackson, Esq.

STREET: 411 Hackensack Ave, Continental Plaza, 4th

FLOOR

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/052,089A

FILING DATE: 31-Mar-1998

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.

REGISTRATION NUMBER: 26,742

REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 201-487-5800

TELEFAX: 201-343-1684

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 469 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

HYPOTHETICAL: NO

FRAGMENT TYPE: <Unknown>

ORIGINAL SOURCE:

ORGANISM: Homo sapiens

SEQUENCE DESCRIPTION: SEQ ID NO: 1:

US-09-052-089A-1

Query Match 96.2%; Score 275; DB 4; Length 469;
Best Local Similarity 96.1%; Pred. No. 6.2e-29;
Matches 49; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

OY 1 RALCTICSDPFDHSDVAAMDCGHTFHLCLOISFETAPSRTPCPCRIQVG 51
Db 4 RALCTICSDPFDHSDVAAMDCGHTFHLCLOISFETAPSRTPCPCRIQVG 54

RESULT 3
US-08-968-751-2
Sequence 2, Application US/08968751
Patent No. 5948643
GENERAL INFORMATION:
APPLICANT: Rubinfield, Bonnie
APPLICANT: Polakis, Paul G.

APPLICANT: Ligenfelter, Carol
APPLICANT: Vuong, Terilyn T.
TITLE OF INVENTION: MODULATORS OF BRCA1 ACTIVITY
NUMBER OF SEQUENCES: 6
CORRESPONDENCE ADDRESS:

ADDRESSEE: ONYX Pharmaceuticals, Inc.

STREET: 3031 Research Drive

CITY: Richmond

STATE: CA

COUNTRY: USA

ZIP: 94806

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/968,751

FILING DATE:

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Giotta, Gregory

REGISTRATION NUMBER: 32,028

REFERENCE/DOCKET NUMBER: ONYX1024 GG

TELECOMMUNICATION INFORMATION:

TELEPHONE: (510) 262-8710

TELEFAX: (510) 222-9758

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 469 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-968-751-2

Query Match 93.7%; Score 268; DB 2; Length 469;
Best Local Similarity 94.1%; Pred. No. 5.3e-28;
Matches 48; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

OY 1 RALCTICSDPFDHSDVAAMDCGHTFHLCLOISFETAPSRTPCPCRIQVG 51
Db 4 RALCTICSDPFDHSDVAAMDCGHTFHLCLOISFETAPSRTPCPCRIQVG 54

RESULT 4

US-09-052-089A-6

Sequence 6, Application US/09052089A

Patent No. 6346605

GENERAL INFORMATION:

APPLICANT: Lee, Soo Y.

Choi, Yongwon

TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER

FAMILY, AND USES THEREOF

NUMBER OF SEQUENCES: 16

CORRESPONDENCE ADDRESSES:

ADDRESSEE: David A. Jackson, Esq.

STREET: 411 Hackensack Ave, Continental Plaza, 4th

FLOOR

CITY: Hackensack

STATE: New Jersey

COUNTRY: USA

ZIP: 07601

COMPUTER READABLE FORM:

MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/052,089A

FILING DATE: 31-Mar-1998

CLASSIFICATION: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 51 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: mouse
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-052-089a-6

Query Match 90.9%; Score 260; DB 4; Length 51;
Best Local Similarity 92.0%; Pred. No. 4.7e-28;
Matches 46; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 ALCTICSDPFDHSRDVAAMDCGHTFHLCIQSFETAPSRTPCQCRIOVG 51
:|||||
Db 2 SLCTICSDPFDHSRDVAAMDCGHTFHLCIQSFETAPSRTPCQCRIOVG 51

RESULT 5
US-09-052-089a-2
Sequence 2, Application US/09052089A
Patent No. 6346605

GENERAL INFORMATION:
APPLICANT: Lee, Soo Y.
Choi, Yongwon

TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
FAMILY, AND USES THEREOF

NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
Floor

CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601

COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,089A
FILING DATE: 31-Mar-1998

CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1

TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684

INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 470 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: protein
HYPOTHETICAL: NO
FRAGMENT TYPE: <Unknown>

ORIGINAL SOURCE:
ORGANISM: mouse
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-09-052-089a-2

Query Match 90.9%; Score 260; DB 4; Length 470;
Best Local Similarity 92.0%; Pred. No. 6.2e-27;
Matches 46; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 ALCTICSDPFDHSRDVAAMDCGHTFHLCIQSFETAPSRTPCQCRIOVG 51
:|||||
Db 5 SLCTICSDPFDHSRDVAAMDCGHTFHLCIQSFETAPSRTPCQCRIOVG 54

RESULT 6
US-08-699-103B-25
Sequence 25, Application US/08699103B
Patent No. 6107462

GENERAL INFORMATION:
APPLICANT: Rine, Jasper D.

APPLICANT: Hampton, Randolph

TITLE OF INVENTION: GENES AND PROTEINS CONTROLLING
NUMBER OF SEQUENCES: 25

CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: USA
ZIP: 94025

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette

OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/699,103B
FILING DATE: 16-AUG-1996

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/002,581
FILING DATE: 17-AUG-1995

ATTORNEY/AGENT INFORMATION:
NAME: Green, Grant D.
REGISTRATION NUMBER: 31,259
REFERENCE/DOCKET NUMBER: 09272/005001

TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/854-0875
TELEFAX: 650/322-5070

INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 551 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: polypeptide

US-08-699-103B-25

Query Match 32.5%; Score 93; DB 3; Length 551;
Best Local Similarity 36.2%; Pred. No. 0.00014;
Matches 21; Conservative 5; Mismatches 20; Indels 12; Gaps 2;

QY 3 LCTICSDPFDHS-----RDVAAMDCGHTFHLCIQSFETAPSRTPCQCRIOVG 50
:|||||
Db 348 ICTICMDELHSPNQQTWKNKKRPRKPCGHILHSLCKNMWBR--SQTCPTCRPLV 403

RESULT 7
US-09-229-059-25
Sequence 25, Application US/09229059
Patent No. 633172
GENERAL INFORMATION:

APPLICANT: Rine, Jasper D.
APPLICANT: Hampton, Randolph
TITLE OF INVENTION: GENES AND PROTEINS CONTROLLING
TITLE OF INVENTION: CHOLESTEROL SYNTHESIS
NUMBER OF SEQUENCES: 25
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: USA
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/229,059
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/699,103
FILING DATE: 16-AUG-1996
APPLICATION NUMBER: 60/002,581
FILING DATE: 17-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Green, Grant D.
REGISTRATION/DOCKET NUMBER: 31,259
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/322-5070
TELEFAX: 650/854-0875
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 551 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: polypeptide
US-09-229-059-25

Query Match 32.5%; Score 93; DB 4; Length 551;
Best Local Similarity 36.2%; Pred. No. 0.00014;
Matches 21; Conservative 5; Mismatches 20; Indels 12; Gaps 2;

OY 3 LCTICSPFPHS-----RDVAAAMDCGHTFHLOCLIOSEFTAPSRPCPOCRIOY 50
Db 348 ICITCMDELHSPNQOTWKNKPKRRPCGHILHLSCLKNMWER--SQTCPICRLPV 403

RESULT 8
US-09-052-089a-15
Sequence 15, Application US/09052089A
Patent No. 6346605
GENERAL INFORMATION:
APPLICANT: Lee, Soo Y.
Choi, Yongwon
TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
FAMILY, AND USES THEREOF
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,089A
FILING DATE: 31-Mar-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION/DOCKET NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 15:
SEQUENCE CHARACTERISTICS:
LENGTH: 50 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRAGMENT TYPE: Internal
SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-09-052-089a-15

Query Match 30.9%; Score 88.5; DB 4; Length 50;
Best Local Similarity 29.2%; Pred. No. 3.4e-05;
Matches 14; Conservative 12; Mismatches 21; Indels 1; Gaps 1;

OY 3 LCTICSPFPHSRDYAAMDCGHTFHLOCLIOSEFTAPSRPCPOCRIOY 50
Db 3 VCAICLDEYEDGDKRLRILPCSHAVHCRC-VDPWLTKTKTCPCVKOKY 49

RESULT 9
US-08-867-057-1
Sequence 1, Application US/08867057
Patent No. 5840535
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Lal, Preeti
APPLICANT: Shah, Purni
TITLE OF INVENTION: NEW ZINC RING PROTEIN
NUMBER OF SEQUENCES: 3
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/867,057
FILING DATE: Filed Herewith
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION/DOCKET NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0311 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 381 amino acids
TYPE: amino acid
STRANDEDNESS: single


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? TELEFAX: 415/952-9881
? TELEX: 910/371-7168
? INFORMATION FOR SEQ ID NO: 13:
? SEQUENCE CHARACTERISTICS:
? LENGTH: 47 amino acids
? TYPE: Amino Acid
? TOPOLOGY: Linear
US-08-744-139-13

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Query Match	29.48;	Score 84;	DB 2;	Length 47
Best Local Similarity	35.6%;	Pred. No. 0.00013;		
Matches 16;	Conservative	8;	Mismatches 17;	Indels

QY 4 CTICSEFEDHSRDVAAAMDCGHTFLQCLIQSFETAPSR-TCPQCR 47
| : | : : |||| | : : | : ||||
Db 4 CPVCLOLYF---AEPMLIDCGHNICCAACIARCWGTAEITNVSCPQR 45

RESULT 18
PCT-US95-06639-13
; Sequence 13, Application PC/TUS9506639
; GENERAL INFORMATION:

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1  APPLICANT: Genentech, Inc.
2  TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
3  NUMBER OF SEQUENCES: 66
4  CORRESPONDENCE ADDRESS:
5  ADDRESSEE: Genentech, Inc.
6  STREET: 460 Point San Bruno Blvd
7  CITY: South San Francisco
8  STATE: California
9  COUNTRY: USA

```

ZIP: 94080
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 Mb disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: patin (genentech)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/06639
FILING DATE:

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250858
FILING DATE: 27-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/331394
FILING DATE: 28-OCT-1994
ATTORNEY/AGENT INFORMATION:

NAME: Dreger, Ginger R.
REGISTRATION NUMBER: 33,055
REFERENCE/DOCKET NUMBER: 89/P2PC
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-3216
FAX: 415/225-3200

TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 13:

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 47 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
;
PCT-US95-06639-13

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Query Match	29.48;	Score 84;	DB 5;	Length 47;
Best Local Similarity	35.68;	Pred. No. 0.00013;		
Matches 16;	Conservative 8;	Mismatches 17;	Indels	

QY 4 CTICSDFFDHSRDVAAMDCGHTFHLQCLIQSEETAPSR-TCPQQR 47
| : | : | : ||||| || : : || : |||||
Db 4 CPKCIQY---AEPMMIDCGHNICACIARCMGAETVWSCPQR 45

RESULT 19
US-08-480-784-85
; Sequence 85, Application US/08480784
; Patent No. 5693473
; GENERAL INFORMATION:

APPLICANT: Skolnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff
APPLICANT: Kamd, Alexander
APPLICANT: Harshman, Keith D.
APPLICANT: Shattuck-Eldens, Donna M.
APPLICANT: Tavtigian, Sean V.

APPLICANT: Mitsunari, Roger W.
APPLICANT: Futreal, P. Andrew
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
NUMBER OF SEQUENCES: 85

1 CORRESPONDENCE ADDRESS:
2 ADDRESSEE: Venble, Baetjer, Howard & Civiletti, LLP
3 STREET: 1201 New York Avenue, N.W., Suite 1000
4 CITY: Washington
5 STATE: DC
6 COUNTRY: USA

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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994

ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 85:

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: SEQUENCE CHARACTERISTICS:
:     LENGTH: 42 amino acids
:     TYPE: amino acid
:     STRANDEDNESS:
:     TOPOLOGY: linear
:

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; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
US-08-480-784-85

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Query Match	28.7%	Score 82	DB 1	Length 42
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[illegible]

Db 1 CPVCLOYF---AEPMLDCGNICACLAACWGTACTNNSCPCCR 42

RESULT 20

US-08-483-553-85

Sequence 85, Application US/08483553

Patent No. 5709999

GENERAL INFORMATION:

APPLICANT: Skolnick, Mark H.

APPLICANT: Goldgar, David E.

APPLICANT: Miki, Yoshio

APPLICANT: Swenson, Jeff

APPLICANT: Kamb, Alexander

APPLICANT: Harshman, Keith D.

APPLICANT: Shattuck-Eidens, Donna M.

APPLICANT: Tavtigian, Sean V.

APPLICANT: Wiseman, Roger W.

APPLICANT: Futreal, P. Andrew

TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer

TITLE OF INVENTION: Susceptibility Gene

NUMBER OF SEQUENCES: 85

CORRESPONDENCE ADDRESS:

ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP

STREET: 1201 New York Avenue, N.W., Suite 1000

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/483,553

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/409,305

FILING DATE: 24-MAR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/348,824

FILING DATE: 29-NOV-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/308,104

FILING DATE: 16-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/300,266

FILING DATE: 02-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/289,221

FILING DATE: 12-AUG-1994

ATTORNEY/AGENT INFORMATION:

NAME: Ihnen, Jeffrey L.

REGISTRATION NUMBER: 28,957

REFERENCE/DOCKET NUMBER: 24884-109347

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-962-4810

TELEFAX: 202-962-8300

INFORMATION FOR SEQ ID NO: 85:

SEQUENCE CHARACTERISTICS:

LENGTH: 42 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

US-08-483-553-85

Query Match 28.7%; Score 82; DB 1; Length 42;

Best Local Similarity 35.6%; Pred. No. 0.00021;

Matches 16; Conservative 8; Mismatches 17; Indels 4; Gaps 2;

OY 4 CTICSDFFDHSRDVAAMDCHTFHLOCLIOSFETAPSR-TCPPCCR 47

Db 1 CPVCLOYF---AEPMLDCGNICACLAACWGTACTNNSCPCCR 42

RESULT 21

US-08-487-002-85

Sequence 85, Application US/08487002

Patent No. 5710001

GENERAL INFORMATION:

APPLICANT: Shattuck-Eidens, Donna M.

APPLICANT: Simard, Jacques

APPLICANT: Eml, Mitsuru

APPLICANT: Nakamura, Yusuke

APPLICANT: Dutcher, Francine

TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer

TITLE OF INVENTION: Susceptibility Gene

NUMBER OF SEQUENCES: 85

CORRESPONDENCE ADDRESS:

ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP

STREET: 1201 New York Avenue, N.W., Suite 1000

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/487,002

FILING DATE:

CLASSIFICATION: 424

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/409,305

FILING DATE: 24-MAR-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/348,824

FILING DATE: 29-NOV-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/308,104

FILING DATE: 16-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/300,266

FILING DATE: 02-SEP-1994

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/289,221

FILING DATE: 12-AUG-1994

ATTORNEY/AGENT INFORMATION:

NAME: Ihnen, Jeffrey L.

REGISTRATION NUMBER: 28,957

REFERENCE/DOCKET NUMBER: 24884-109347

TELECOMMUNICATION INFORMATION:

TELEPHONE: 202-962-4810

TELEFAX: 202-962-8300

INFORMATION FOR SEQ ID NO: 85:

SEQUENCE CHARACTERISTICS:

LENGTH: 42 amino acids

TYPE: amino acid

STRANDEDNESS:

TOPOLOGY: linear

MOLECULE TYPE: peptide

HYPOTHETICAL: NO

US-08-487-002-85

Query Match 28.7%; Score 82; DB 1; Length 42;

Best Local Similarity 35.6%; Pred. No. 0.00021;

Matches 16; Conservative 8; Mismatches 17; Indels 4; Gaps 2;

OY 4 CTICSDFFDHSRDVAAMDCHTFHLOCLIOSFETAPSR-TCPPCCR 47

Db 1 CPVCLQYF---AEPMLDCCGHNICACIARCMGTACTVNSCPCR 42

RESULT 22
US-08-483-554B-85
Sequence 85, Application US/08483554B

Patent No. 5747282
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff
APPLICANT: Kamb, Alexander
APPLICANT: Harshman, Keith D.
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Tavtigian, Sean V.
APPLICANT: Wiseman, Roger W.
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/483,554B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
US-08-483-554B-85

Query Match 28.7%; Score 82; DB 1; Length 42;
Best Local Similarity 35.6%; Pred. No. 0.00021;

Matches 16; Conservative 8; Mismatches 17; Indels 4; Caps 2;
QY 4 CTICSPFDHSRDVAAADCQHTFHLQCLIOSFEAPSR-TCPOCR 47
Db 1 CPVCLQYF---AEPMLDCCGHNICACIARCMGTACTVNSCPCR 42

RESULT 23
US-08-488-011B-85
Sequence 85, Application US/08488011B

Patent No. 5753441
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff
APPLICANT: Kamb, Alexander
APPLICANT: Harshman, Keith D.
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Tavtigian, Sean V.
APPLICANT: Wiseman, Roger W.
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESS:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/488,011B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347-09
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
US-08-488-011B-85

Query Match 28.7%; Score 82; DB 1; Length 42;
Best Local Similarity 35.6%; Pred. No. 0.00021;
Matches 16; Conservative 8; Mismatches 17; Indels 4; Gaps 2;

OY 4 CTICSDFFDHSRDVAMDCGHTFHLQCLIOSFTAPSR-TCPOCR 47
1 CPVCLQYF---AEPMLDCGNICACIARCWGTA CTNVS CPOCR 42

RESULT 24

US-08-850-727-85
Sequence 85, Application US/08850727
Patent No. 6162897
GENERAL INFORMATION:
APPLICANT: Skolnick, Mark H.
APPLICANT: Goldgar, David E.
APPLICANT: Miki, Yoshio
APPLICANT: Swenson, Jeff
APPLICANT: Kamb, Alexander
APPLICANT: Harshman, Keith D.
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Tavligian, Sean V.
APPLICANT: Wiseman, Roger W.
APPLICANT: Futreal, P. Andrew
TITLE OF INVENTION: 17q-Linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/850,727
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/483,554
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SRO ID NO: 85
SEQUENCE CHARACTERISTICS:
LENGTH: 42 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide

HYPOTHETICAL: NO
US-08-850-727-85

Query Match 28.7%; Score 82; DB 4; Length 42;
Best Local Similarity 35.6%; Pred. No. 0.00021;
Matches 16; Conservative 8; Mismatches 17; Indels 4; Gaps 2;

OY 4 CTICSDFFDHSRDVAMDCGHTFHLQCLIOSFTAPSR-TCPOCR 47
1 CPVCLQYF---AEPMLDCGNICACIARCWGTA CTNVS CPOCR 42

RESULT 25

PCT-US95-10202-85
Sequence 85, Application PC/TUS9510202
GENERAL INFORMATION:
APPLICANT: Shattuck-Eidens, Donna M.
APPLICANT: Simard, Jacques
APPLICANT: Emi, Mitsuru
APPLICANT: Nakamura, Yusuke
APPLICANT: Durocher, Francine
TITLE OF INVENTION: In Vivo Mutations and Polymorphisms
TITLE OF INVENTION: In the 17q-Linked Breast and Ovarian Cancer
TITLE OF INVENTION: Susceptibility Gene
NUMBER OF SEQUENCES: 85
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Venable, Baetjer, Howard & Civiletti, LLP
STREET: 1201 New York Avenue, N.W., Suite 1000
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10202
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08-308,104
FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/300,266
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SRO ID NO: 85
SEQUENCE CHARACTERISTICS:
LENGTH: 42 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear

REFERENCE/DOCKET NUMBER: 24884-109347
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
INFORMATION FOR SEQ. ID NO: 85:
SEQUENCE CHARACTERISTICS:
LENGTH: 42 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
PCT-US95-10220-85

Query Match 28.7%; Score 82; DB 5; Length 42;
Best Local Similarity 35.6%; Pred. No. 0.00021;
Matches 16; Conservative 8; Mismatches 17; Indels 4; Gaps 2;

OY 4 CTICSDFFDHSRDVAMDCGHTFHLOC--LIOSFETAPSR-TCPOCR 47
Db 1 CPVCLGYF---AEPMLDCGHNICACLAACGWTACTNVCPOCR 42

RESULT 28
US-08-691-814B-17
Sequence 17, Application US/08691814B
Patent No. 5981218
GENERAL INFORMATION:
APPLICANT: Rio, Marie-Christine
APPLICANT: Tomasetto, Catherine
APPLICANT: Bassel, Paul
APPLICANT: Byrne, Jennifer
TITLE OF INVENTION: Isolated Nucleic Acid Molecules Useful
TITLE OF INVENTION: as Leukemia Markers and in Breast Cancer Prognosis
NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
STREET: 1100 New York Ave, NW, Suite 600
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: IBM PC compatible
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/691,814B
FILING DATE: 31-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/002,183
FILING DATE: 09-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Steffe, Eric K.
REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 1383.0090001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
TELEFAX: 202-371-2543
INFORMATION FOR SEQ. ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 46 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: not relevant
MOLECULE TYPE: peptide
US-08-691-814B-17

Query Match 28.7%; Score 82; DB 2; Length 46;

Best Local Similarity 29.2%; Pred. No. 0.00023;
Matches 14; Conservative 14; Mismatches 16; Indels 4; Gaps 2;

OY 3 ICTICSDFFDHSRDVAMDCGHTFHLOC--LIOSFETAPSR-TCPOCR 50
Db 3 MCALCGGYFDATTI--VECLHSFCRTCTIVRYLET--NKYCPMCDV 46

RESULT 29
US-08-786-606-9
Sequence 9, Application US/08786606
Patent No. 5861495
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Au-Young, Janice
APPLICANT: Coleman, Roger
APPLICANT: Goll, Surya K.
TITLE OF INVENTION: NOVEL HUMAN ZINC-BINDING
TITLE OF INVENTION: PROTEINS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/786,606
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy RJ
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0173 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:
INFORMATION FOR SEQ. ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 284 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: Genbank
CLONE: 157535
US-08-786-606-9

Query Match 28.7%; Score 82; DB 2; Length 284;
Best Local Similarity 31.4%; Pred. No. 0.0019;
Matches 16; Conservative 8; Mismatches 17; Indels 10; Gaps 2;

OY 4 CTICSDFFDHSRDVAMDCGHTFHLOC--LIOSFETAPSR-TCPOCR 50
Db 126 CAICIEAYKPTDTRILPCKHEFHKNCIDPWLE-----HRTCPMCKLDV 170

RESULT 30
US-08-786-606-8
Sequence 8, Application US/08786606
Patent No. 5861495
GENERAL INFORMATION:

APPLICANT: Hillman, Jennifer L.
APPLICANT: Au-Young, Janice
APPLICANT: Coleman, Roger
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN ZINC-BINDING
TITLE OF INVENTION: PROTEINS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/786,606
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy RJ
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0173 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 326 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: GenBank
CLONE: 461632
US-08-786-606-8

Query Match 28.7%; Score 82; DB 2; Length 326;
Best Local Similarity 31.2%; Pred. No. 0.0022;
Matches 15; Conservative 13; Mismatches 16; Indels 4; Gaps 2;

QY 3 LCTICSPFDHSRDVAMDCGHTFHQLCLIOSFETAPSRPCPCRIQV 50
DB 17 MCYLCGGYFDATYI--TECLHSFCKTCIVRYLET--SKYCPICDVOV 60

RESULT 31
US-09-052-089a-12
Sequence 12, Application US/09052089A
Patent No. 6346605
GENERAL INFORMATION:
APPLICANT: Lee, Soo Y.
Choi, Yongwon
TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER
FAMILY, AND USES THEREOF
NUMBER OF SEQUENCES: 16
CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
Floor
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,089A
FILING DATE: 31-Mar-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 47 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
HYPOTHETICAL: NO
FRAGMENT TYPE: Internal
SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-09-052-089a-12

Query Match 28.0%; Score 80; DB 4; Length 47;
Best Local Similarity 33.3%; Pred. No. 0.00043;
Matches 16; Conservative 10; Mismatches 18; Indels 4; Gaps 2;

QY 3 LCTICSPFDHSRDVAMDCGHTFHQLCLIOSFETAPSRPCPCRIQV 50
DB 3 LCKICA---ENDKDKVKIEPCGHLMTCTSL-TSWQESGGCGPCRCHEI 46

RESULT 32
US-08-786-606-3
Sequence 3, Application US/08786606
Patent No. 5861495
GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Au-Young, Janice
APPLICANT: Coleman, Roger
APPLICANT: Goli, Surya K.
TITLE OF INVENTION: NOVEL HUMAN ZINC-BINDING
TITLE OF INVENTION: PROTEINS
NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/786,606
FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy RJ
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0173 US

TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 180 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-786-606-3

Query Match 28.0%; Score 80; DB 2; Length 180;
Best Local Similarity 37.8%; Pred. No. 0.0021;
Matches 17; Conservative 5; Mismatches 19; Indels 4; Gaps 2;

OY 4 CTICSDFFDHSRDVAMDCGHTFHLCIQSFETAPSR-TCPQCR 47
Db 27 CNIC---LETAREAVSVCGHLICWPCILHQLWLETRPERQECPCVK 68

RESULT 33
US-08-933-750C-48
Sequence 48, Application US/08933750C
Patent No. 5932442
GENERAL INFORMATION:
APPLICANT: Lal, Preeti
APPLICANT: Hillman, Jennifer L.
APPLICANT: Bandman, Olga
APPLICANT: Shah, Purvi
APPLICANT: Au-Young, Janice
APPLICANT: Yue, Henry
APPLICANT: Guegler, Karl J.
APPLICANT: Corley, Neil C.
TITLE OF INVENTION: HUMAN REGULATORY MOLECULES
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/933 750C
FILING DATE: September 23, 1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0356 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 180 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: TESTNOT07
CLONE: 3217567

US-08-933-750C-48

Query Match 28.0%; Score 80; DB 2; Length 180;
Best Local Similarity 37.8%; Pred. No. 0.0021;
Matches 17; Conservative 5; Mismatches 19; Indels 4; Gaps 2;

OY 4 CTICSDFFDHSRDVAMDCGHTFHLCIQSFETAPSR-TCPQCR 47
Db 27 CNIC---LETAREAVSVCGHLICWPCILHQLWLETRPERQECPCVK 68

RESULT 34
US-09-234-613-48
Sequence 48, Application US/09234613
Patent No. 6132973
GENERAL INFORMATION:
APPLICANT: Lal, Preeti
APPLICANT: Hillman, Jennifer L.
APPLICANT: Bandman, Olga
APPLICANT: Shah, Purvi
APPLICANT: Au-Young, Janice
APPLICANT: Yue, Henry
APPLICANT: Guegler, Karl J.
APPLICANT: Corley, Neil C.
TITLE OF INVENTION: HUMAN REGULATORY MOLECULES.
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Incyte Pharmaceuticals, Inc.
STREET: 3174 Porter Drive
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/234,613
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/933 750
FILING DATE: September 23, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0356 US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
TELEX:
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 180 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
IMMEDIATE SOURCE:
LIBRARY: TESTNOT07
CLONE: 3217567
US-09-234-613-48

Query Match 28.0%; Score 80; DB 4; Length 180;
Best Local Similarity 37.8%; Pred. No. 0.0021;
Matches 17; Conservative 5; Mismatches 19; Indels 4; Gaps 2;

OY 4 CTICSDFFDHSRDVAMDCGHTFHLCIQSFETAPSR-TCPQCR 47
Db 27 CNIC---LETAREAVSVCGHLICWPCILHQLWLETRPERQECPCVK 68


```

: TELEFAX: 415/952-9881
:
: TELEX: 910/371-7168
:
: INFORMATION FOR SEQ ID NO: 14:
:
: SEQUENCE CHARACTERISTICS:
:
: LENGTH: 48 amino acids
:
: TYPE: amino acid
:
: TOPOLOGY: linear
:
:
US-08-446-915-14

```

Query Match	26.4%	Score	75.5	DB 1	Length	48			
Best Local Similarity	36.7%	Pred. NC	0.0018						
Matches	18	Conservative	5	Mismatches	21	Indels	5	Gaps	2

```

QY      3 LCTICSDFFDHSRDVAMDCGHTFHLQCLI--QSFETAPSRCTPQCRIQ 493
      || || : : || || | | | | | | :
Db      3 LCKICA---ENDKDKVKEIPCGHLMCTSCLTSMQSESGGSSGCPFCRCE 488

```

US-08-744-139-14
 RESULT 38
 : Sequence 14, Application US/08744139
 : Patent No. 5865612
 :
 : GENERAL INFORMATION:
 : APPLICANT: Goeddel, David V
 : APPLICANT: Rothe, Mike
 : TITLE OF INVENTION: TUMOR NECROSIS FACTOR RECIPIOR-ASSOCIATED FACTORS
 : NUMBER OF SEQUENCES: 59
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: Genentech, Inc.
 : STREET: 460 Point San Bruno Blvd
 : CITY: South San Francisco
 : STATE: California
 : COUNTRY: USA
 : ZIP: 94080
 :
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: WinPatin (Genentech)
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/08/744,139
 : FILING DATE: 31-Oct-1996
 : CLASSIFICATION: 435
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: 08/250858
 : FILING DATE: 05/27/1994
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Dregler, Ganger R.
 : REGISTRATION NUMBER: 33,055
 : REFERENCE/DOCKET NUMBER: P0897C1
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: 415/225-3216
 : TELEFAX: 415/952-9881
 : TELEEX: 910/371-7168
 : INFORMATION FOR SEQ ID NO: 14:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 48 amino acids
 : TYPE: Amino Acid
 : TOPOLOGY: Linear
 :
 : US-08-744-139-14

Query Match	26.4%	Score 75.5	DB 2	Length 48
Best Local Similarity	36.7%	Pred. No. 0.0018		
Matches 18, Conservative		5, Mismatches 21	Indels 5	Gaps 2

```

QY      3 LCTICSDFFDHSRDVAAMDCGHTFHQLCLI--QSFETAPSRCTPCQRIQ 43
      || || : : || || | | || || :
Db      3 LCKICA--ENDKDKVKEIPCGHLMCTSLTWSQESEGGSSGCPFCRCE 48

```

RESULT 39

PCT-US95-06639-14
Sequence 14, Application PC/TUS9506639
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
NUMBER OF SEQUENCES: 66

```

; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; STD: 04000

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/06639
; FILING DATE:

```

; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/250858
 ; FILING DATE: 27-MAY-1994
 ;

```

? RESULT 40
? US-09-046-894-44
? : Sequence 44, Application US/09046894
? : Patent No. 6190857
? :
? : GENERAL INFORMATION:
? :
? : APPLICANT: Ralph, David
? :
? : APPLICANT: An, Gang
? :
? : APPLICANT: O'Hara, Mark S.
? :
? : APPLICANT: Veltre, Robert
? :
? : TITLE OF INVENTION: DIAGNOSIS OF DISEASE STATE USING mRNA
? :
? : TITLE OF INVENTION: PROFILES IN PERIPHERAL LEUKOCYTES
? :
? : NUMBER OF SEQUENCES: 55
? :
? : CORRESPONDENCE ADDRESS:
? :
? : ADDRESSEE: Arnold, White & Durkee
? :
? : STREET: P. O. Box 4433
? :
? : CITY: Houston
? :
? : STATE: Texas
? :
? : COUNTRY: USA
? :
? : ZIP: 77210
? :
? : COMPUTER READABLE FORM:

```

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/046,894
FILING DATE: Concurrently Herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/041,576
FILING DATE: 24-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Nakashima, Richard A.
REGISTRATION NUMBER: P-42,023
REFERENCE/DOCKET NUMBER: UROC:014
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: linear
US-09-046-894-44

Query Match 26.0%; Score 74.5; DB 4; Length 40;
Best Local Similarity 30.2%; Pred. No. 0.0019;
Matches 13; Conservative 9; Mismatches 18; Indels 3; Gaps 2;
OY 4 CTICSDFFDHSRDVAMDCGHTFHLQCLIOSEFAPSRTCPOC 46
| | | : : : | | : | : | : | : | | | |
DB 1 CAICDEYEDGDKLRILPCSHAYHCKC--VDPWLT--KKTCPYC 40

Search completed: September 4, 2002, 16:11:04
Job time: 7603 sec